

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/00022

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C57/58 C07C51/42 C07B57/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 176 786 A (SUMITOMO CHEMICAL CO., LTD., JAPAN) 7 January 1987 (1987-01-07) the whole document	1-44
X	EP 0 107 972 A (SUMITOMO CHEMICAL CO., LTD., JAPAN) 9 May 1984 (1984-05-09) the whole document	1-44
X	GB 2 014 137 A (ROUSSEL UCLAF) 22 August 1979 (1979-08-22) cited in the application page 2, line 62 -page 3, line 6	1-44

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

11 September 2003

Date of mailing of the international search report

19/09/2003

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Int'l Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PATENT ABSTRACTS OF JAPAN vol. 005, no. 008 (C-039), 20 January 1981 (1981-01-20) &amp; JP 55 136245 A (SUMITOMO CHEM CO LTD), 23 October 1980 (1980-10-23) cited in the application abstract</p> <p style="text-align: center;">-----</p>	1-44

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PCT/IB 03/00022

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2176786	A	07-01-1987	JP 1951632 C	28-07-1995
			JP 6084332 B	26-10-1994
			JP 61293949 A	24-12-1986
			CH 666888 A5	31-08-1988
			DE 3680400 D1	29-08-1991
			EP 0208948 A2	21-01-1987
			FR 2583746 A1	26-12-1986
			US 4752417 A	21-06-1988
EP 0107972	A	09-05-1984	JP 59080627 A	10-05-1984
			EP 0107972 A1	09-05-1984
GB 2014137	A	22-08-1979	FR 2416219 A1	31-08-1979
			AU 4375579 A	09-08-1979
			BE 873798 A1	30-07-1979
			BR 7900515 A	21-08-1979
			CA 1204122 A1	06-05-1986
			CH 637371 A5	29-07-1983
			DE 2902478 A1	02-08-1979
			DK 20679 A	01-08-1979
			HU 184193 B	30-07-1984
			IT 1116506 B	10-02-1986
			JP 54109945 A	29-08-1979
			OA 6149 A	30-06-1981
			PL 213093 A1	05-11-1979
			RO 79169 A1	25-06-1982
			RO 81958 A1	01-06-1983
			SE 7900150 A	01-08-1979
			ZA 7900342 A	30-01-1980
JP 55136245	A	23-10-1980	NONE	